Fixed Coaxial Attenuators

Model 41
Medium Power, SMA Connectors
Bi-directional Design

Nominal ATTN (dB) Deviation (dB)
1, 2 + 0.50
3, 6 + 0.30
10 + 0.50
20 + 0.70
30 + 1.00

Frequency (GHz) SWR
dc - 8 1.20
8 - 12.4 1.30
12.4 - 18 1.35

Power Rating (mounted horizontally): 10 watts average (bi-directional) to 25°C ambient temperature, derated linearly to 1 Watt @ 125°C. 1 kilowatt peak (5 μsec pulse width; 0.5% duty cycle).

Power Coefficient: <0.0015 dB/dB/watt
Temperature Coefficient: <0.0004 dB/dB/°C

Temperature Range: -55 °C to 125 °C

Test Data: Swept data plots of attenuation and SWR from 50 MHz to 18 GHz supplied.

Connectors: SMA (Male/Female) connectors per MIL-STD-348 interface dimensions - mate nondestructively with MIL-C-39012 connectors.

Construction: Black, finned aluminum body, gold plated beryllium copper contacts.

Weight: 28 g (1 oz.) maximum

Physical Dimensions:

Model number description:

Example:

41 - XX - XX*

* Unit is bi-directional and full power may be applied to either connector.